

Conditions and seasons		Mass concentrations M_{species} ($\mu\text{g m}^{-3}$) (<i>Mass fraction (%)</i>)					OA / SO_4^{2-}	κ_{p}	$\kappa(0.10\%)$	
		OA	NO_3^-	NH_4^+	SO_4^{2-}	Cl				BC_e
Empirically pristine rain forest (PR) aerosol (PR _{BC} ∩CO filter)		0.64 ± 0.02 (90)*	0.03 ± 0.01 (4)*	$0.17 \pm 0.01^{\text{a}}$ (-)*	0.04 ± 0.01 (6)*	$<(0.01 \pm 0.01)^{\text{a}}$ (-)*	$<(0.01 \pm 0.01)^{\text{a}}$ (-)*	~ 53	$0.16 \pm 0.01^*$	0.18 ± 0.05
Long-range transport (LRT) aerosol		1.81 ± 0.04 (67)	0.08 ± 0.01 (3)	0.30 ± 0.01 (11)	0.25 ± 0.01 (9)	0.04 ± 0.01 (1)	0.21 ± 0.01 (8)	~ 24	0.24 ± 0.01	0.35 ± 0.04
Biomass burning (BB) aerosol		21.14 ± 0.50 (88)	0.55 ± 0.02 (2)	0.58 ± 0.02 (2)	0.82 ± 0.02 (3)	0.03 ± 0.01 (0)	0.89 ± 0.03 (4)	~ 26	0.15 ± 0.01	0.18 ± 0.01
Mixed-pollution (MPOL) aerosol	MPOL-LRT	5.50 ± 0.06 (65)	0.22 ± 0.01 (3)	0.54 ± 0.01 (6)	1.75 ± 0.03 (21)	0.03 ± 0.01 (0)	0.37 ± 0.01 (4)	~ 3	0.28 ± 0.01	0.26 ± 0.05
	MPOL-BB	7.88 ± 0.18 (68)	0.36 ± 0.03 (3)	0.68 ± 0.03 (6)	2.03 ± 0.08 (18)	0.05 ± 0.01 (0)	0.57 ± 0.02 (5)	~ 4	0.26 ± 0.01	0.24 ± 0.02
Wet season (Feb–May)		1.02 ± 0.01 (78)*	0.05 ± 0.01 (4)*	$0.20 \pm 0.03^{\text{a}}$ (-)*	0.14 ± 0.01 (11)*	0.02 ± 0.01 (1)*	0.07 ± 0.01 (5)*	~ 23	$0.19 \pm 0.01^*$	0.21 ± 0.05
Transition periods (Jun/Jul & Dec/Jan)		3.26 ± 0.04 (77)	0.11 ± 0.01 (3)	0.32 ± 0.01 (7)	0.32 ± 0.01 (8)	0.02 ± 0.01 (1)	0.20 ± 0.01 (5)	~ 21	0.21 ± 0.01	0.24 ± 0.05
Dry season (Aug–Nov)		5.86 ± 0.05 (79)	0.19 ± 0.01 (3)	0.33 ± 0.01 (5)	0.64 ± 0.01 (9)	0.02 ± 0.01 (0)	0.34 ± 0.01 (5)	~ 11	0.18 ± 0.01	0.21 ± 0.04
Detection limits of ACSM and MAAP		0.15	0.01	0.28	0.02	0.01	0.01	–	–	–